

Long Beach Area Water Reclamation Project

LOCATION: This project is located in Los Angeles County, California.

DESCRIPTION/JUSTIFICATION: This project consists of two units:

The Alamitos Barrier Reclaimed Water Project will ultimately recycle about 8,000 acre-feet per year in lieu of imported water. Facilities will be constructed so that tertiary treated water from the existing Long Beach Water Reclamation Plant can be treated to advanced levels so that it can be used for groundwater injection into seawater intrusion barriers.

The City of Long Beach Recycled Water System Expansion Project will construct an expansion of an existing distribution system that allows the use of recycled water throughout the city. The expansion consists of pumps, pipes, storage facilities, and control systems that would increase use of recycled water from 4,585 acre-feet per year to 16,677 acre-feet per year (including the Alamitos Barrier project).

AUTHORIZATION: P.L. 102-575 - Title XVI, Reclamation Wastewater and Groundwater Study and Facilities Act, October 30, 1992, and P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, October 9, 1996.

COMPLETION DATA: As of September 30, 2000, the project is 10 percent complete. Alamitos Barrier Reclaimed Water Project is scheduled for completion in 2005. Project completion has been delayed two years from that shown in FY 2001 Budget Justifications due to delays in obtaining permits and a revised construction schedule from the Water Replenishment District. City of Long Beach Recycled Water System Expansion Project is scheduled for completion in 2008. Project completion has been delayed from that shown in FY 2001 Budget Justifications due to a revised construction schedule from the City of Long Beach.

SUMMARIZED FINANCIAL DATA

Program Financial Data

Activity	FY 2001	FY 2002
Water and Energy Management and Development	\$9,374,243	\$4,737,000
Total Program	\$9,374,243	\$4,737,000
Prior Year Funds	(23,243)	0
Non-Federal	(7,351,000)	(2,937,000)
Enacted	\$2,000,000	\$1,800,000
Underfinancing	(100,000)	0
FY 2001 Rescission (P.L. 106-554)	(4,000)	0
Total Reclamation Allotment	\$1,896,000	\$1,800,000

Total Construction Costs to be Allocated

	Total Estimated Cost	Total to 9/30/00	FY 2001	FY 2002	Balance to Complete
Reclamation	\$15,411,000	\$1,500,000	\$1,896,000	\$1,800,000	\$10,215,000
Adjustments <u>1/</u>	46,233,000	7,375,000	7,351,000	2,937,000	28,570,000
Total	\$61,644,000	\$8,875,000	\$9,247,000	\$4,737,000	\$38,785,000

1/ Includes cost-sharing of \$19,762,500 from the Water Replenishment District of Southern California for the Alamitos Barrier Reclaimed Water Project; and \$26,470,500 from the City of Long Beach for the City of Long Beach Recycled Water System Expansion Project.

Construction Cost Allocation and Methodology

Allocation	FY 2001	FY 2002
Municipal and Industrial Water	\$55,880,000	\$61,644,000
Total	\$55,880,000	\$61,644,000

METHODOLOGY: The methodology of cost allocation has not been modified from last year. The increase of \$5,764,000 is due to revised cost estimates from the Water Replenishment District and the City of Long Beach.

APPROPRIATION CEILING: P.L. 104-266, Reclamation Recycling and Water Conservation Act of 1996, imposed a ceiling of \$20,000,000. The comparable Federal obligation is \$15,411,000 which does not exceed the appropriation ceiling.

WORK PROPOSED FOR FY 2002:

Water and Energy Management and Development

Alamitos Barrier Reclaimed Water Project - Continues work for construction of additional facilities to treat tertiary wastewater to advanced levels so it can be used for groundwater injection into the existing Alamitos seawater intrusion barrier.

\$3,710,000

Non-Federal - Water Replenishment District of Southern California

(2,810,000)

900,000

City of Long Beach Recycled Water System Expansion Project - Continues work for construction of additional facilities to recycle water within the city of Long Beach.

1,027,000

Non-Federal - City of Long Beach

(127,000)

\$900,000

Subtotal, Water and Energy Management and Development

\$1,800,000

Reclamation Request

\$1,800,000

SEE APPENDIX FOR: Benefit Cost Ratios as of October 1, 2001

Project Repayment for FY 2002
Status of NEPA Compliance